Sky Capture

Hard Kill Mobile Air Defense Battery for C-UAS & VSHORAD

IAI

Where Courage Meets Technology ™

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The Challenge: Swarms of UAVs, Drones and Loitering Munitions are continuously adapted to match the defense solutions. The challenge is a low-cost point-defense solution.

The Solution: As a response, IAI created the Sky Capture air defense system to provide Point-Defense and protection for Borders and Strategic locations. The Sky Capture Battery includes a Command-and-Control shelter with operating stations, Radar, 30mm RCWS, and Optical devices which all provide a full turn-key Air Defense solution from detection to interception.

Unique Technology – Economical Solution: Using Gunnery lowers the cost per engagement. This unique technology provided by IAI assures high accuracy, and hitting the targets with the lowest number of rounds fired. This has been proven by IAI for multiple scenarios.

Decision Support & Automation: The system provides the operator with TEWA (Threat Evaluation and Weapon Allocation) algorithms for decision support. The operator simply chooses a target to fire and the assigned weapon automatically aims on target and ready to fire.

Highlights & Benefits:

- Multiple Applications: Point Defense, Strategic Sites & Border Protection, and more...
- Cost-effective air defense solution against UAS swarm attacks.
- IAI's unique capability to direct guns accurately for Air Defense.
- Modular and scalable, ammunition or detection systems can be added.
- Fully mobile deployed battery to protect any type of area.
- Includes command and control with built-in TEWA.
- Easily integrates with other weapon systems for enhanced versatility.
- Integrating more counter-measures such as Soft-Kill or Short-Range Missiles.

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